

SSWP Meeting – Sign In Sheet
January, 15th 2026 – 10 am
Papio-Missouri River NRD



	NAME & EMPLOYER	EMAIL ADDRESS	PHONE
X	Lori Laster Papio NRD	llaster@papionrd.org	(402) 444-6222
	Amanda Grint Papio NRD	agrint@papionrd.org	(402) 444-6222
	Eric Williams Papio NRD	ewilliams@papionrd.org	(402) 444-6222
X	Ian Ghanavati Papio NRD	ighanavati@papionrd.org	(402) 315-1716
X	Jeff Thompson Wastewater Agency	jthompson@wastewateragency.org	(402) 415-6734
	Alex Evans City of Papillion	aevans@papillion.org	(402) 597-2044
	Matt Knight City of Bellevue	matt.knight@bellevue.net	(402) 293-3028
X	Kathleen Gottsch City of Springfield	kathleen@springfieldne.org	(402) 253-2204
	Mike Sotak Houston Engineering	msotak@houstoneng.com	(402) 407-1099
	Sara Mechtenberg Houston Engineering	smechtenberg@houstoneng.com	(402) 407-1099
	David Goedeken City of Bellevue	david.goedeken@bellevue.net	(402) 293-3144
X	Reggie Wortman City of Gretna	reggie@cityofgretna.com	(402) 332-3336
	Zach Hergenrader Sarpy County	zhergenrader@sarpy.gov	(402) 537-6917
	Kelly Jeck Sarpy County Planning	kjeck@sarpy.gov	(402) 593-2315
	Greg Perry City of Gretna	gregp@eagleengineeringgroup.com	(402) 964-2430
X	Kevin Balentine Sarpy County Admin	kbalentine@sarpy.gov	(402) 964-2430
X	Joshua Nelson Sarpy County	jnelson@sarpy.gov	

10:34 adjourned

Papio-Missouri River NRD

[illegible]



	VOTING MEMBER	YEA	NAY	NOT PRESENT
X	CITY OF BELLEVUE	X		
X	CITY OF GRETN	X		
X	CITY OF PAPIILLION	X		
X	CITY OF SPRINGFIELD	X		
X	SARPY COUNTY	X		
X	PAPIO NRD	X		

Motion: Springfield

U - O

Second: Bellevue

Southern Sarpy Watersheds Partnership

January 15th, 2026

Partnership Coordination Meeting



PAPIO
MISSOURI RIVER
NATURAL RESOURCES DISTRICT



Agenda

1. USGS Joint Funding Agreement for Streamgaging*
2. Open Discussion

*voting item

USGS Joint Funding Agreement for Streamgaging

The USGS has prepared a cost proposal for the establishment of two streamgages (one in Buffalo Creek and Springfield Creek) and one rain gage for either seasonal (8-month) or year-round (12-month) operation from March 1, 2026 – September 30, 2027.

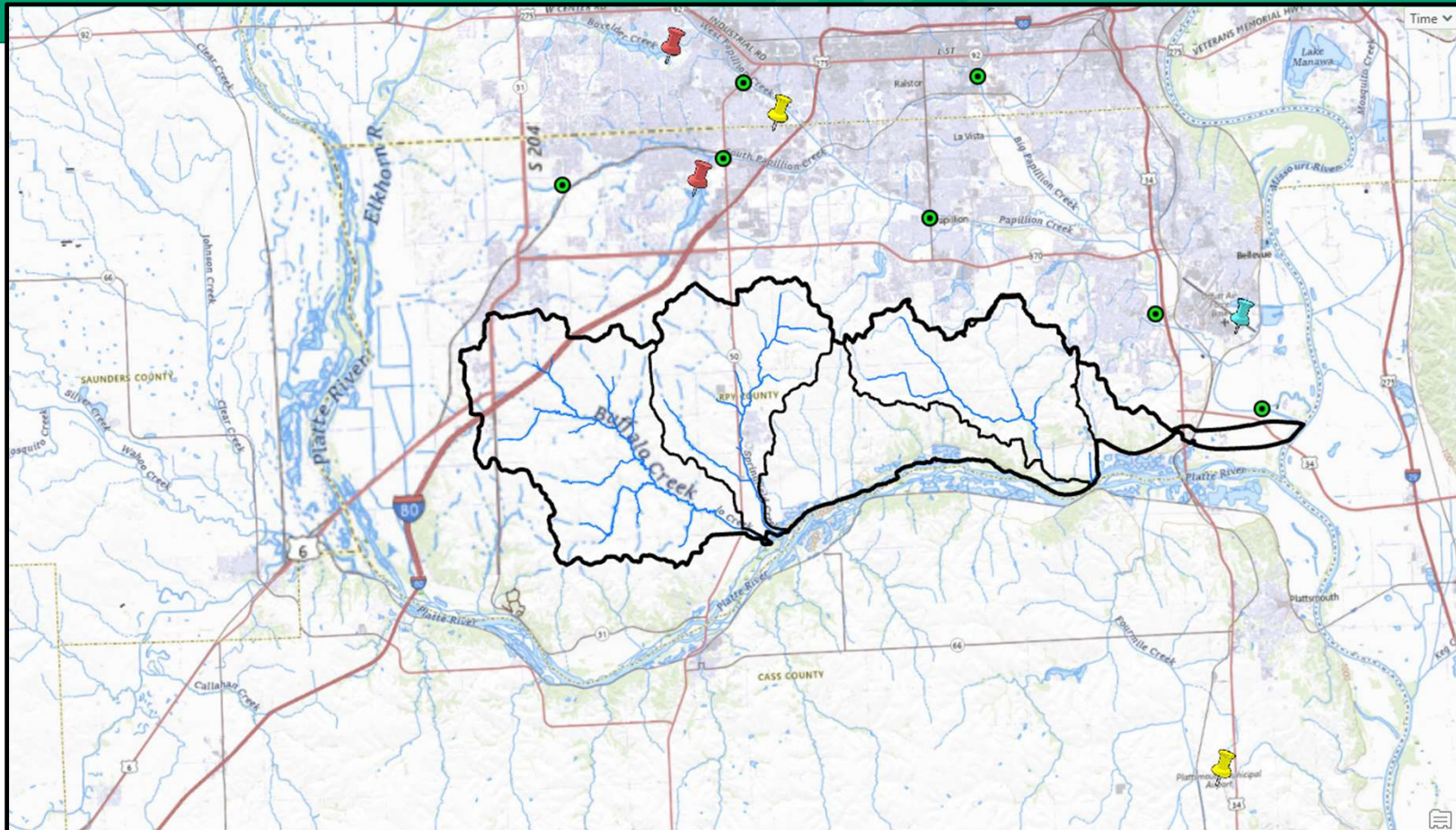
Primary benefits of streamgages include:

- Real-time flood risk data
- Improvement of hydrologic model accuracy
- Hydrologic record data associated with upcoming land use changes

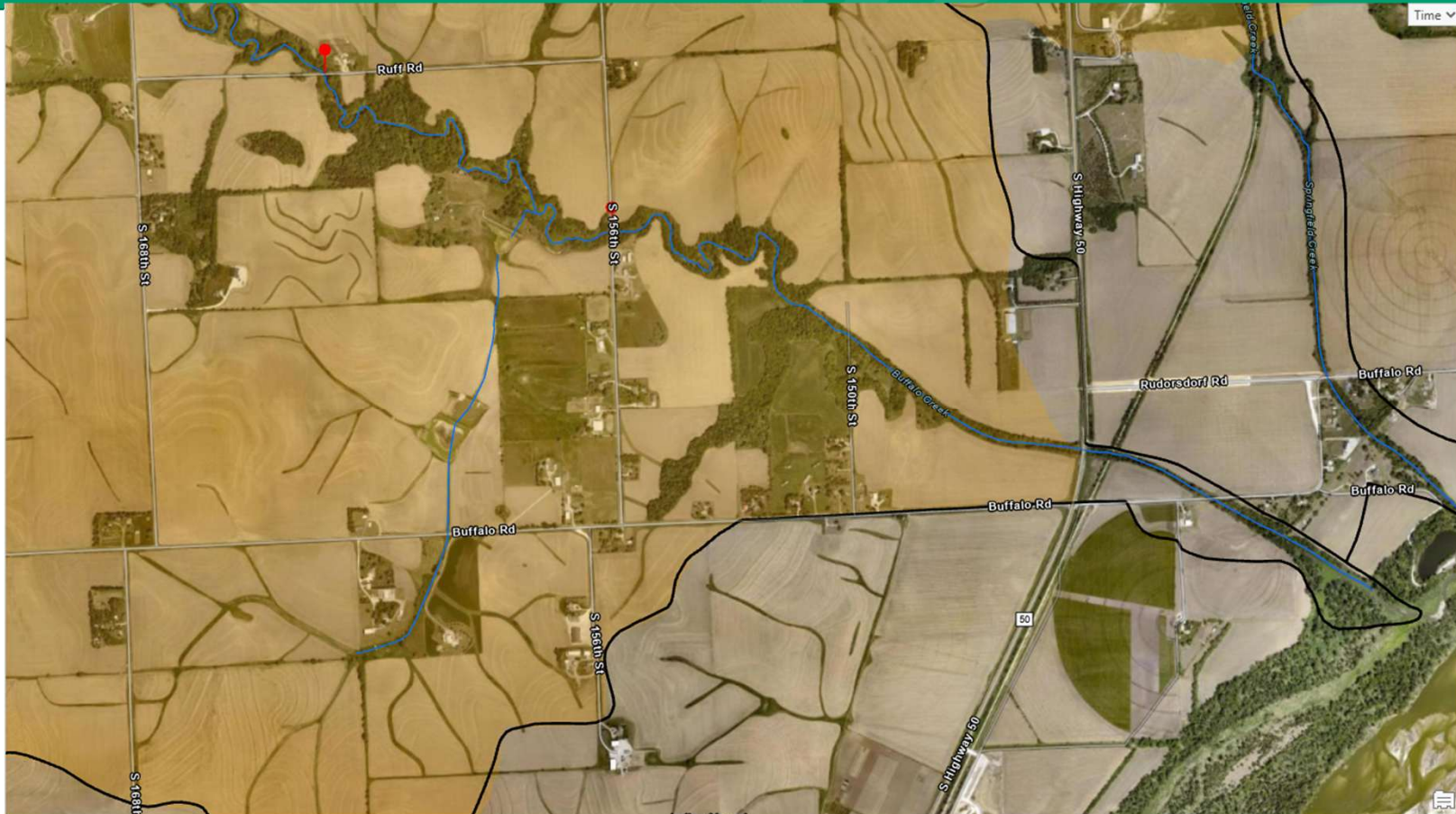
Primary benefits of raingages include:

- Improved radar rainfall calibration and real-time flash flood monitoring

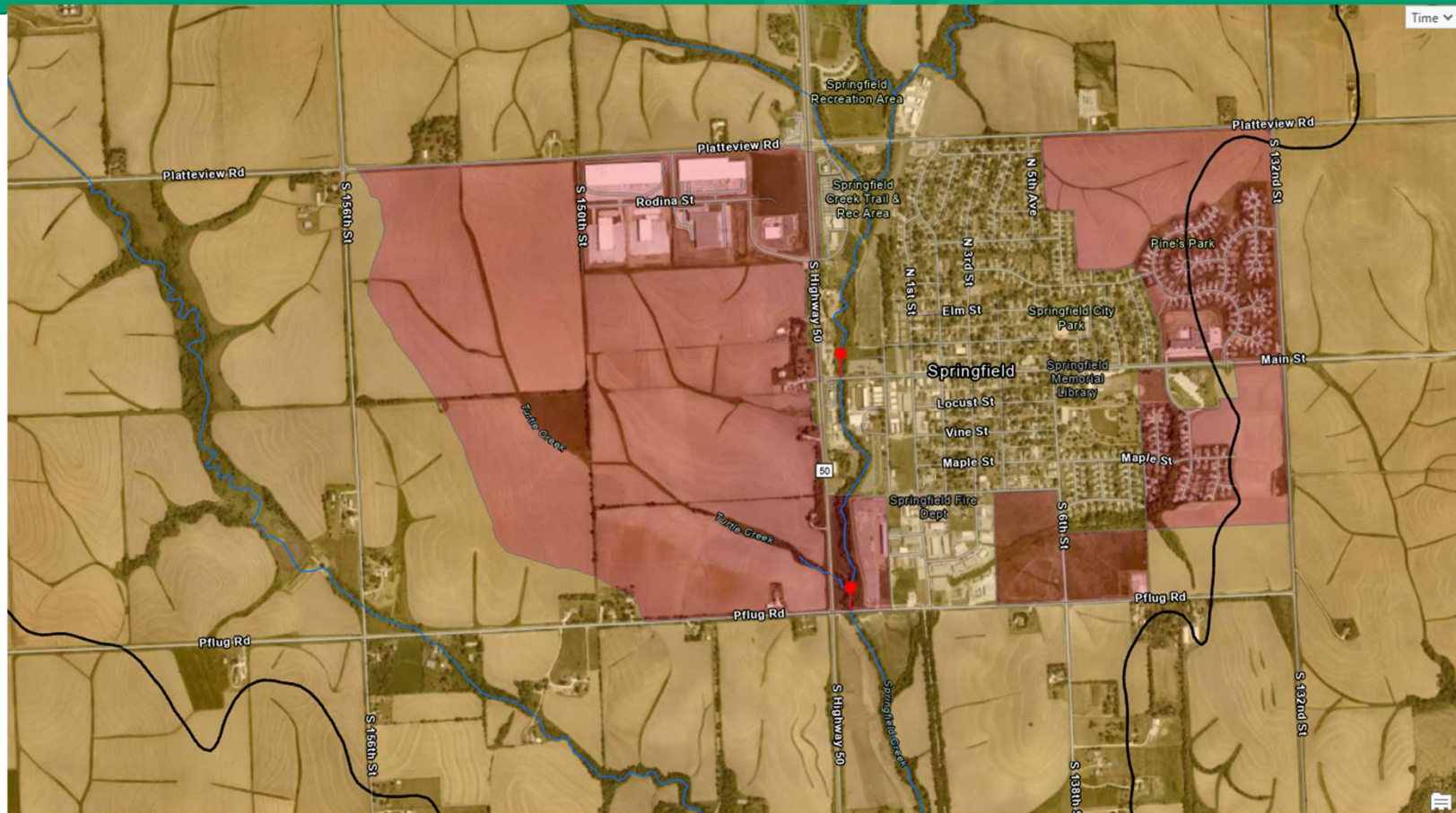
Existing Gages



Buffalo Creek Potential Locations



Springfield Creek Potential Locations



USGS National Water Dashboard

Find a place

USGS science for a changing world

Accessibility | FOIA | Legal | Privacy Policy | USGS Provisional Statement

U.S. Department of the Interior | answers.usgs.gov | 1-888-ASK-USGS

Federal Data Sources Include

USGS | Monitoring Station - Work - Microsoft Edge

USGS science for a changing world

Elkhorn River at Waterloo, Nebr.
USGS 06800500 (Surface Water, Stream)

Show map | Show plots | Site page | Data | WaterAlert | NWS forecast

Temperature, water, degrees Celsius

Discharge, cubic feet per second **1,470 @ 2:15 PM CST**
58 minutes ago

Past 1 day | 2 days | 3 days | 1 week | Logscale

Gage height, feet **2.42 @ 2:15 PM CST**
58 minutes ago

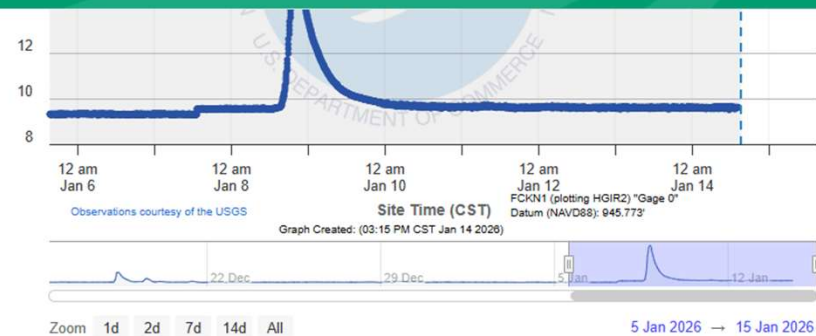
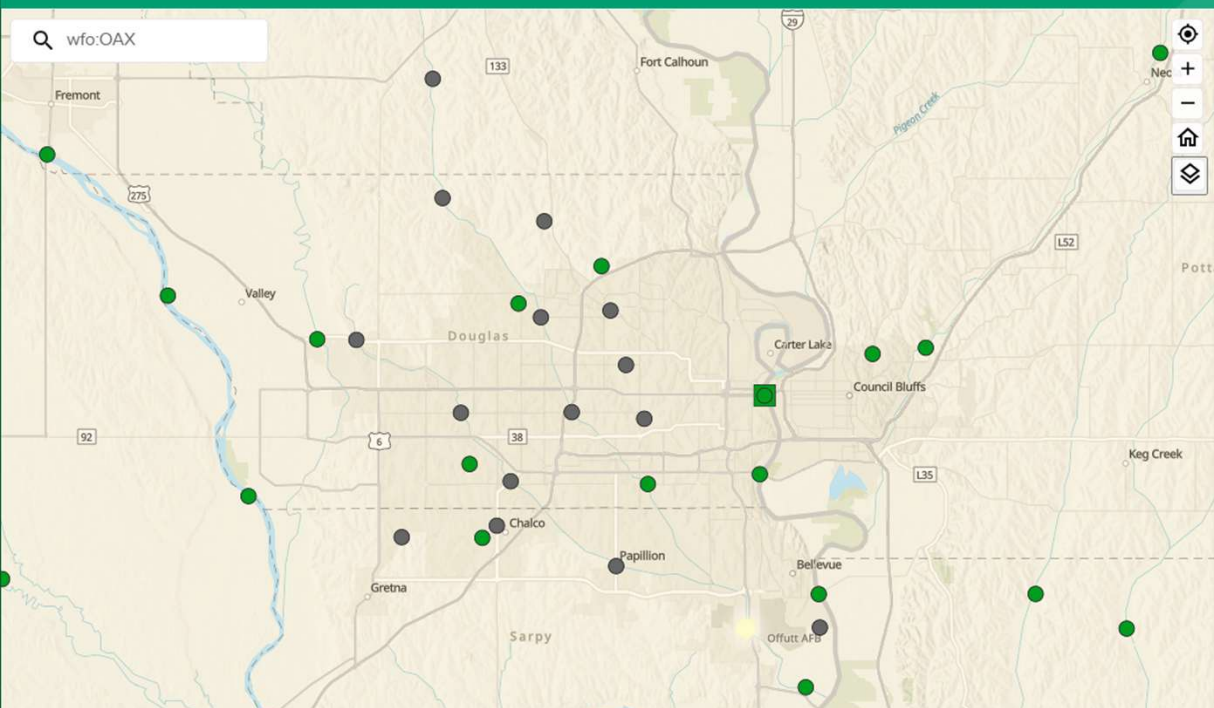
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius **PARAMETER MONITORED SEASONALLY**

Dissolved oxygen, water, unfiltered, milligrams per liter

Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen

Turbidity, water, unfiltered, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/-2.5 degrees, formazin nephelometric units (FNU) **PARAMETER MONITORED SEASONALLY**

Feedback



☐ Scale to Flood Categories

Traces and Thresholds Click to turn on/off display

● Observed (OBS) 01/14/2026 2:20 PM CST

CATEGORY	STAGE
Major Flooding	39 ft
Extensive inundation of structures and roads. Significant evacuations of people and/or transfer of property to higher elevations.	
Moderate Flooding	37 ft
Some inundation of structures and roads near stream.	
Minor Flooding	33 ft
Minimal or no property damage, but possibly some public threat.	
Action	27 ft
The level which, when reached by a rising stream, represents the level where the NWS or a customer/partner needs to take some type of mitigation action in preparation for possible significant hydrologic activity.	

Flood Impacts

40 - Water approaches the top of the levee as well as the bottom of the bridge at Capehart Road.

33 - High water in Papillion Creek creates flooding near 36th street on the West Branch of Papillion Creek. This flooding mainly affects the south approach to the bridge at 36th street.

29 - Portions of the bike path along the left bank will be under water. In addition water flows over the natural right bank near the gauge.

26 - Water flows out of the natural left bank near the gage site.

ability of the Forecast:

E: Forecasts are not available. Only observed stages are available for this point

Costs

Equipment (One-Time):

\$27,850 – \$38,100

Maintenance:

\$25,450 - \$42,830

Term of the Agreement:

Mar 1, 2026 – Sept 30, 2027

Table 1. Summary of proposed funding for the period March 1, 2026 – September 30, 2027 for the operation of two streamgages supported by the Southern Sarpy Watersheds Partnership (proposals for either seasonal (8-month per year) or for year-round (12-month per year) operations.

[CMF, USGS, Cooperative matching funds; SSWP, Southern Sarpy Watersheds Partnership; USGS, U.S. Geological Survey]

Year-round operation (Mar. 1, 2026 to Sept. 30, 2027) total of 19 months			Station Funding		
Station number	Station name	Supported since	USGS CMF	SSWP	Total
Site 1	Buffalo Cr - operation for FY26	2026	\$6,700	\$20,110	\$26,810
Site 2	Springfield Cr (or Zweibel Cr) - operation for FY26	2026	\$6,700	\$20,110	\$26,810
Raingage-seasonal	One site to be determined, not operational in winter		\$870	\$2,610	\$3,480
Equipment	One-time cost for equipment purchase for 2 streamgages (dual sensors)		\$6,720	\$38,100	\$44,820
Funding partner/program totals			\$20,990	\$80,930	\$101,920

Seasonal 8-month operation (Mar. 1, 2026 to Oct. 30, 2026; and Mar. 1 2027 to Sept. 30, 2027) total of 15 months			Station Funding		
Station number	Station name	Supported since	USGS CMF	SSWP	Total
Site 1	Buffalo Cr - operation for FY26	2026	\$3,810	\$11,420	\$15,230
Site 2	Springfield Cr (or Zweibel Cr) - operation for FY26	2026	\$3,810	\$11,420	\$15,230
Raingage-seasonal	One site to be determined, not operational in winter		\$870	\$2,610	\$3,480
Equipment	One-time cost for equipment purchase for 2 streamgages (radar sensor only)		\$4,910	\$27,850	\$32,760
Funding partner/program totals			\$13,400	\$53,300	\$66,700

Costs

Equipment (One-Time):
\$27,850 – \$38,100

Maintenance:
\$25,450 - \$42,830

Term of the Agreement:
Mar 1, 2026 – Sept 30, 2027

SSWP Budget & Cost Breakdown for 3/1/2026 – 9/30/2027:

	<u>Year-Round Operation</u>	<u>Seasonal 8-Month Operation</u>
FY26 – 1 Billing 7/1/25 – 6/30/26	Equip Costs: \$38,100 Oper Costs: \$6,118.57 Total Costs: \$44,218.57	Equip Costs: \$27,850 Oper Costs: \$3,635.71 Total Costs: \$31,485.71
FY27 – 4 Billings 7/1/26 – 6/30/27	Oper Costs: \$24,474.29	Oper Costs: \$14,542.86
FY28 – 2 Billings 7/1/27 – 6/30/28	Oper Costs: \$12,237.14	Oper Costs: \$7,271.43
Total Cost	\$80,930	\$53,300

In FY26, the SSWP budgeted \$60,000 for professional services related to furthering planning efforts. To date, \$55,513 remains in that budget.

Long Range Budgeting

Table 9.2. Five-Year Implementation Plan Costs (2022 Dollars)

Fiscal Year	Annual MS4 + Partnership Planning	Partnership Led			Developer Led	
		Design and Permitting	Land Rights*	Construction	Construction	Total Plan Expenditures
2025	\$275,000	\$315,300	\$0	\$0	\$980,900	\$1,571,200
2026	\$275,000	\$0	\$0	\$1,576,100	\$980,900	\$2,832,000
2027	\$275,000	\$124,000	\$0	\$0	\$980,900	\$1,379,900
2028	\$350,000	\$0	\$0	\$620,000	\$980,900	\$1,950,900
2029	\$350,000	\$0	\$0	\$0	\$980,900	\$1,330,900
TOTAL	\$1,525,000	\$439,300	\$0	\$2,196,100	\$4,904,500	\$9,064,900

*Assumes Partnership led projects will occur in outlots and easements granted by developer

Fiscal Year	Budget \$	Inspections \$	Planning \$
FY26	\$275,000.00	\$ 220,878	\$ 54,122.00
FY27	\$275,000.00	\$ 231,922	\$ 43,078.00
FY28	\$350,000.00	\$ 243,518	\$ 106,481.90

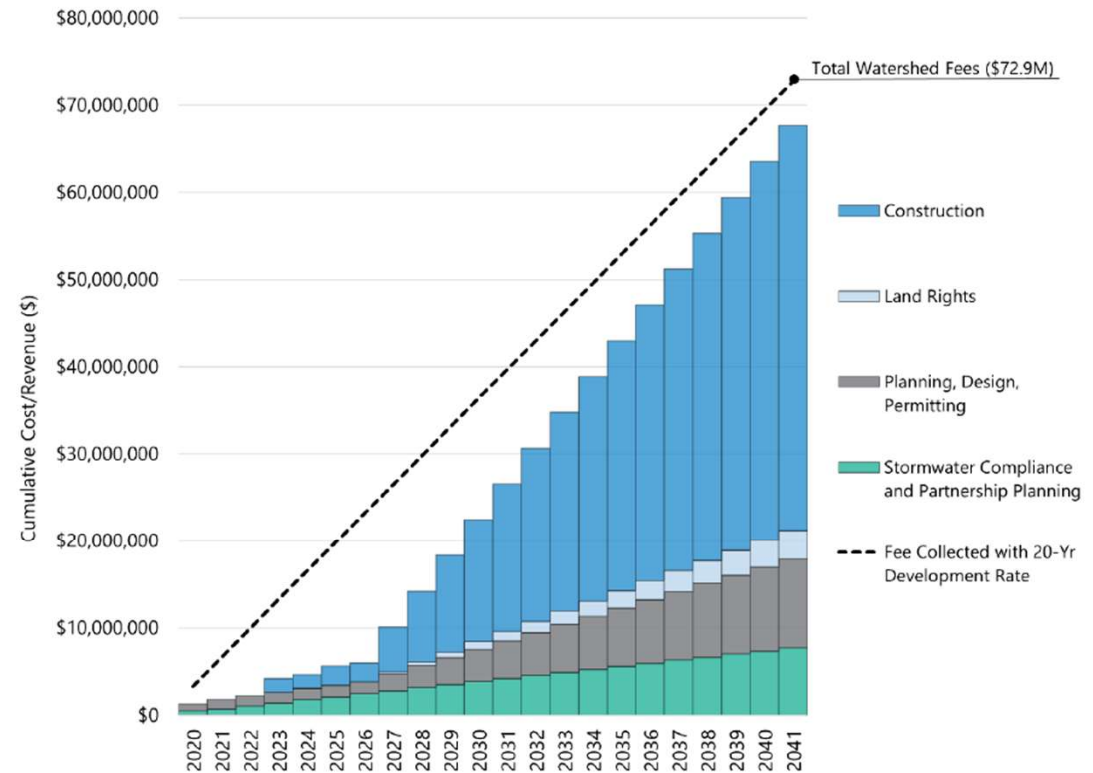


Figure 8.4. Cumulative Costs Over 20-yr Full Watershed Build-Out

Recommendation

Recommend to enter into a Joint Funding Agreement with the USGS for year-round operation of two streamgages and seasonal operation of one raingage

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Year-round operation (Mar. 1, 2026 to Sept. 30, 2027) - total of 19 months					
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Raingage-seasonal	One site to be determined, not operational in winter		\$870	\$2,610	\$3,480
Equipment	One-time cost for equipment purchase for 2 streamgages (dual sensors)		\$6,720	\$38,100	\$44,820
Funding partner/program totals			\$20,990	\$80,930	\$101,920

Open Discussion & Next Meeting

- Next Meeting: **February 19th, 2026**
- Please send any potential meeting topics or requests to be added to the meeting invite list to ighanavati@papionrd.org